

1FWO

CRF Errors Edited by the STIC Systems Branch

Serial Number:

10/773,678

CRF Edit Date:

10/8/04

Edited by: 182

Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

ENTERED

Corrected the SEQ ID NO. Sequence numbers edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Deleted: invalid beginning/end-of-file text ; page numbers

Inserted mandatory headings/numeric identifiers, specifically:

Moved responses to same line as heading/numeric identifier, specifically:

Other:



IFWO

RAW SEQUENCE LISTINGPATENT APPLICATION: **US/10/773,678**

DATE: 10/08/2004

TIME: 15:43:07

Input Set : **A:\PTO.KD.txt**Output Set: **N:\CRF4\10082004\J773678.raw**

3 <110> APPLICANT: Karras, James G
 5 <120> TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
 6 Expression
 8 <130> FILE REFERENCE: ISPH-0828
 --> 10 <140> CURRENT APPLICATION NUMBER: **US/10/773,678**
 --> 11 <141> CURRENT FILING DATE: 2004-02-06
 13 <150> PRIOR APPLICATION NUMBER: 10/713,139
 14 <151> PRIOR FILING DATE: 2003-11-14
 16 <150> PRIOR APPLICATION NUMBER: 09/758,881
 17 <151> PRIOR FILING DATE: 2001-01-11
 19 <150> PRIOR APPLICATION NUMBER: PCT/US00/09054
 20 <151> PRIOR FILING DATE: 2000-04-06
 22 <150> PRIOR APPLICATION NUMBER: 09/288,461
 23 <151> PRIOR FILING DATE: 1999-04-08
 25 <160> NUMBER OF SEQ ID NOS: 402
 27 <170> SOFTWARE: PatentIn Ver. 2.1
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 2787
 31 <212> TYPE: DNA
 32 <213> ORGANISM: Homo sapiens
 34 <400> SEQUENCE: 1
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 36 agccgaggga acaagccccca accggatcct ggacaggcac cccggcttgg cgctgtctct 120
 37 cccccctcgcc tcggagaggc ctttcggcct gagggagcct cggcccccgt cccggcaca 180
 38 cgcgcagccc cggctctcg gcctctggcg gagaaaacagg atggcccaat ggaatcagct 240
 39 acagcagett gacacacggt acctggagca gtcctatcag ctctacagt acagcttccc 300
 40 aatggagctg cggcagtttc tgcccccttg gatttagagt caagattggg catatgcggc 360
 41 cagcaaagaa tcacatgcca ctttgggtt tcataatctc ctgggagaga ttgaccagca 420
 42 gtatagccgc ttccctgcaag agtogaatgt tctctatcag cacaatctac gaagaatcaa 480
 43 gcagtttctt cagagcaggt atcttgagaa gccaatggag attgccccga ttgtggcccg 540
 44 gtgcctgtgg gaagaatcac gccttctaca gactgcagcc actgcggccc agcaaggggg 600
 45 ccaggccaaac caccggcacag cagccgttgtt gacggagaag cagcagatgc tggagcagca 660
 46 ctttcaggat gtccggaaaga gagtgcagga tctagaacag aaaatgaaag tggtagagaa 720
 47 tctccaggat gacttgatt tcaactataa aaccctcaag agtcaaggag acatgcaaga 780
 48 tctgaatgga aacaaccagt cagtgaccag gcagaagatg cagcagctgg aacagatgt 840
 49 cactgcgtg gaccagatgc ggagaagcat cgtgagttag ctggccgggc ttttgtcagc 900
 50 gatggagtagc gtgcagaaaa ctctcacggc cgaggagctg gctgactgga agaggcggca 960
 51 acagattgcc tgcattggag gcccggccaa catctgccta gatecggttag aaaactggat 1020
 52 aacgtcatta gcagaatctc aacttcagac ccgtcaacaa attaagaaac tggaggagtt 1080
 53 gcaccaaaaa gtttctaca aaggggaccc cattgtacag caccggccga tgctggagga 1140
 54 gaggatcgtg gagctgttca gaaacttaat gaaaagtgcc ttttgtgggg agccggcagcc 1200
 55 ctgcatgccc atgcatctg accggccct cgtcatcaag accggcgtcc agttcactac 1260
 56 taaagtcaagg ttgctggtca agttccctga gttgaattat cagctaaaa ttaaagtgtg 1320

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/773,678

DATE: 10/08/2004

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Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\10082004\J773678.raw

57 cattgacaaa gactctgggg acgttgcagc tctcagagga tcccgaaat ttaacattct 1380
 58 gggcacaaac acaaaaagtga tgaacatgga agaatccaac aacggcagcc tctctgcaga 1440
 59 attcaaacac ttgaccctga gggagcagag atgtggaaat gggggccgag ccaattgtga 1500
 60 tgcttccctg atttgactg aggagctgca cctgatcacc tttgagaccg aggtgtatca 1560
 61 ccaaggtctc aagattgacc tagagaccca ctccctgtca gttgtggta tctccaacat 1620
 62 ctgtcagatg ccaaattgcct gggcgtccat cctgtggta aacatgctga ccaacaatcc 1680
 63 caagaatgtg aacttcttca ctaagccgcc aatttggaaacc tgggaccaag tggccgaggt 1740
 64 gtcagctgg cagttctctg ccaccaccaa gcgggggctg agcatcgagc agctgacaac 1800
 65 gctggctgag aagctcctag ggcctggtgt gaactactca gggtgtcaga tcacatggc 1860
 66 taacttctgc aaagaaaaaca tggctggaa gggcttctcc tactgggtct ggtagacaa 1920
 67 tatcatcgac ttgtgaaaa agtatatctt ggcctttgg aatgaagggt acatcatggg 1980
 68 ttcatcgac aaggagcggg agcgggccc tttgagcact aagccccccag gcacccctc 2040
 69 gctgcgcttc agtgaagacca gcaaagaagg aggcgtcaact ttcacttggg tggagaagga 2100
 70 catcagcggtaagacccaga tccagtcgt ggaaccatac acaaaggcagc agctgaacaa 2160
 71 catgtcattt gctgaatca tcatgggcta taagatcatg gatgtacca atatccctgtt 2220
 72 gtctccactt gtctatctt atccctgacat tcccaaggag gaggcattcg ggaagtattg 2280
 73 tcggccagag agccaggagc atccctgaagc tgaccaggta agcgtgccc catacctgaa 2340
 74 gaccaagttt atctgtgtga caccaacgcac ctgcagcaat accattgacc tgccgatgtc 2400
 75 ccccccgcgt ttagattcat ttagtcgtt tgaaataat ggtgaagggt ctgaaccctc 2460
 76 agcaggaggg cagtttgaat ccctcacctt tgacatggag ttgacccctgg agtgcgtac 2520
 77 ctccccccatg tgaggagctg agaacggaaat ctgcagaaatg atacgactga ggcccttacc 2580
 78 tgcattctgc caccctcac acagccaaac cccagatcat ctgaaaactac taactttgt 2640
 79 gttccagatt ttttttaatc tcctacttct gctatcttg agcaatctgg gcacttttaa 2700
 80 aaatagagaa atgagtgaat gtgggtgatc tgctttatc taaatgc当地 taaggatgtg 2760
 81 ttctctgaga cccatgatca gggatg 2787
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 85 <211> LENGTH: 20
 86 <212> TYPE: DNA
 87 <213> ORGANISM: Artificial Sequence
 89 <220> FEATURE:
 90 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 92 <400> SEQUENCE: 2
 93 gtctgcgccc cccgggggg 20
 96 <210> SEQ ID NO: 3
 97 <211> LENGTH: 20
 98 <212> TYPE: DNA
 99 <213> ORGANISM: Artificial Sequence
 101 <220> FEATURE:
 102 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 104 <400> SEQUENCE: 3
 105 ggccgaagggg cctctccgag 20
 108 <210> SEQ ID NO: 4
 109 <211> LENGTH: 20
 110 <212> TYPE: DNA
 111 <213> ORGANISM: Artificial Sequence
 113 <220> FEATURE:
 114 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 116 <400> SEQUENCE: 4
 117 tcctgtttctt ccggcagagg 20

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/773,678

DATE: 10/08/2004
TIME: 15:43:07

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\10082004\J773678.raw

120 <210> SEQ ID NO: 5
121 <211> LENGTH: 20
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
128 <400> SEQUENCE: 5
129 catcctgttt ctccggcaga 20
132 <210> SEQ ID NO: 6
133 <211> LENGTH: 20
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
140 <400> SEQUENCE: 6
141 gccatcctgt ttctccggca 20
144 <210> SEQ ID NO: 7
145 <211> LENGTH: 20
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
152 <400> SEQUENCE: 7
153 gggccatcct gtttctccgg 20
156 <210> SEQ ID NO: 8
157 <211> LENGTH: 20
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
164 <400> SEQUENCE: 8
165 ttgggcatc ctgtttctcc 20
168 <210> SEQ ID NO: 9
169 <211> LENGTH: 20
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
176 <400> SEQUENCE: 9
177 cattgggcca tcctgttct 20
180 <210> SEQ ID NO: 10
181 <211> LENGTH: 20
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
188 <400> SEQUENCE: 10
189 tccattgggc catcctgttt 20
192 <210> SEQ ID NO: 11

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/773,678

DATE: 10/08/2004
TIME: 15:43:07

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\10082004\J773678.raw

193 <211> LENGTH: 20
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
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204 <210> SEQ ID NO: 12
205 <211> LENGTH: 20
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
212 <400> SEQUENCE: 12
213 tgattccatt gggccatcct 20
216 <210> SEQ ID NO: 13
217 <211> LENGTH: 20
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
224 <400> SEQUENCE: 13
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228 <210> SEQ ID NO: 14
229 <211> LENGTH: 20
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
236 <400> SEQUENCE: 14
237 tagtgcattt cattggggca 20
240 <210> SEQ ID NO: 15
241 <211> LENGTH: 20
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
248 <400> SEQUENCE: 15
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252 <210> SEQ ID NO: 16
253 <211> LENGTH: 20
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial Sequence
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
260 <400> SEQUENCE: 16
261 ctgttagagct gatggagactg 20
264 <210> SEQ ID NO: 17
265 <211> LENGTH: 20

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/773,678

DATE: 10/08/2004
TIME: 15:43:07

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\10082004\J773678.raw

266 <212> TYPE: DNA
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
272 <400> SEQUENCE: 17
273 cccaatcttg actctcaatc 20
276 <210> SEQ ID NO: 18
277 <211> LENGTH: 20
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
284 <400> SEQUENCE: 18
285 cccaggagat tatgaaacac 20
288 <210> SEQ ID NO: 19
289 <211> LENGTH: 20
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
296 <400> SEQUENCE: 19
297 acattcgact ctgcaggaa 20
300 <210> SEQ ID NO: 20
301 <211> LENGTH: 20
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial Sequence
305 <220> FEATURE:
306 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
308 <400> SEQUENCE: 20
309 tctgaagaaa ctgcttgatt 20
312 <210> SEQ ID NO: 21
313 <211> LENGTH: 20
314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
320 <400> SEQUENCE: 21
321 ggccacaatc cgggcaatct 20
324 <210> SEQ ID NO: 22
325 <211> LENGTH: 20
326 <212> TYPE: DNA
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
332 <400> SEQUENCE: 22
333 tggctgcagt ctgtagaagg 20
336 <210> SEQ ID NO: 23
337 <211> LENGTH: 20
338 <212> TYPE: DNA

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/773,678

DATE: 10/08/2004

TIME: 15:43:08

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\10082004\J773678.raw

:10 M:270 C: Current Application Number differs, Replaced Application Number
:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
:6114 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:382



IFWO

RAW SEQUENCE LISTING DATE: 10/08/2004
PATENT APPLICATION: US/10/773,678 TIME: 15:42:19

Input Set : A:\ISPH-828.SEQ.txt
Output Set: N:\CRF4\10082004\J773678.raw

3 <110> APPLICANT: Karras, James G
5 <120> TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
6 Expression
8 <130> FILE REFERENCE: ISPH-0828
--> 10 <140> CURRENT APPLICATION NUMBER: US/10/773,678
--> 11 <141> CURRENT FILING DATE: 2004-02-06
13 <150> PRIOR APPLICATION NUMBER: 10/713,139
14 <151> PRIOR FILING DATE: 2003-11-14
16 <150> PRIOR APPLICATION NUMBER: 09/758,881
17 <151> PRIOR FILING DATE: 2001-01-11
19 <150> PRIOR APPLICATION NUMBER: PCT/US00/09054
20 <151> PRIOR FILING DATE: 2000-04-06
22 <150> PRIOR APPLICATION NUMBER: 09/288,461
23 <151> PRIOR FILING DATE: 1999-04-08
25 <160> NUMBER OF SEQ ID NOS: 402
27 <170> SOFTWARE: PatentIn Ver. 2.1

Dose Not Comply
Connected Diskette Needed

ERRORED SEQUENCES

6334 <210> SEQ ID NO: 402
6335 <211> LENGTH: 20
6336 <212> TYPE: DNA
6337 <213> ORGANISM: Artificial Sequence
6339 <220> FEATURE:
6340 <223> OTHER INFORMATION: Antisense Oligonucleotide
6342 <400> SEQUENCE: 402
6343 tttgatcgag gtttagccgtg
--> 6344 1
--> 6347 116

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/773,678

DATE: 10/08/2004

TIME: 15:42:20

Input Set : A:\ISPH-828.SEQ.txt

Output Set: N:\CRF4\10082004\J773678.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:6114 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:382
L:6344 M:254 E: No. of Bases conflict, this line has no nucleotides.
M:254 Repeated in SeqNo=402